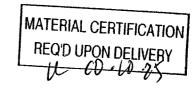
Work Order ID 63066

Tuesday, October 19, 2010 3:27:16 PM



Page 1

Revision ID:	D4131-3 Base			Accept				S	etup Sta	1 1881101 01010	
	10/19/2010	Start Qty: 4.00 Req'd Qty: 4.00			Cust Item Customer:					*	, 0 5 60
Approvals:	Process Pla	n:	Date: ///-///	9-/9 Tooling: SPC (Y/N):		oate:		R	un Sta Sto		- 121 1121 1221
Sequence ID/ Work Center ID)	Operation Description		Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject	Insp. Stamp
Draw Nbr	Rev	ision Nbr									
D4131	Α										
Waterjet		Memo		0.00			ž	B16	<u>~10~ 3</u>	<u> </u>	——————————————————————————————————————
FLOW CNC Waterje		1-Cut as p Dwg Rev: Prog Rev: 2-Deburr i	<u> 4</u>	- *e)
		QC2- Inspect parts off	machine FAI/FAIB	0.00							
QC Quality Control		Memo		0.00				<u> </u>	0-10-	ວ(



Dart Aerospace L	_td
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W/O:			W	ORK ORDER CHANG	ES			•
DATE	STEP	PRO	OCEDURE CHA	NGE	Ву	Date	Qty Approval Chief Eng / Prod Mgr	Approval ³ QC Inspector
						10		
Part No	:	PAR #:	Fault Cate	gory:	_ NCR: Yes	No DQA :	Date: _	
	R	esolution:	Dispositio	n:	_ QA: N/C CI	osed:	Date: _	
NCR:			WORK ORD	ER NON-CONFORM	ANCE (NCR	1)		
DATE	STEP	Description of NC			ion B	Verificat	tion Approval	Approval
DAIL	SILF	Section A	Initial Chief Eng	Action Description Chief Eng	Sign 8 Date	Section	C Chief Eng	QC Inspector
		,	,					

Work	Örder	ID	63066
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Tuesday, October 19, 2010 3:27:16 PM



Page 2

Item ID:

D4131-3

Accept



Setup Start



Revision ID:

Item Name:

Base

Start Date: 10/19/2010

Start Qty: 4.00

Required Date: 10/26/2010

Req'd Qty: 4.00



Cust Item ID:

Customer:

Reference:

Approvals:

Process Plan:

Date:

Tooling:

0.00

0.00

Date:

Run

Start

Stop

Stop



QC:

Date:

SPC (Y/N):

Set Up/

Run Hours

Date:

Insp.

Sequence ID/ **Work Center ID**

120

Quality Control

Operation Description

QC8- Inspect parts - second check

Memo

5H-53

Tool ID

Tool # Plan Code

Accept Qty

Reject Qty

Reject Number Stamp

130



Brake NC Brake NC

Memo

Bend as per dwg

0.00

0.00

50 10/10/03

140

Quality Control

QC

QC5- Inspect part completeness to step on W/O

0.00

Memo

0.00

W/O:			W	ORK ORDER CHA	NGES					•
DATE	STEP	PRO	CEDURE CH	IANGE		Ву	Date	Qty	Approval Chief Eng / Prod Mgr	Approval a
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Part No	:	PAR #:	Fault Ca	tegory:	NCI	R: Yes I	No DQA	۸:	_ Date: _	
	R	esolution:	Disposit	ion:	QA:	N/C Cld	sed:		Date: _	
NCR:		V	ORK OR	DER NON-CONFOR	RMANCE	(NCR)			
DATE	STEP	Description of NC			Section B		Verific	ation	Approval	Approval
DAIL	JILI	Section A	Initial Chief Eng	Action Description Chief Eng	on	Sign & Date	Section		Chief Eng	QC Inspector
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Work	Order	· ID	630	66
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Tuesday, October 19, 2010 3:27:16 PM



Page 3

Item ID:

D4131-3

Date:

Date:

Setup Start

Stop



Revision ID:

Item Name: Base

Start Date: 10/19/2010

Required Date: 10/26/2010

Start Qty: 4.00

Req'd Qty: 4.00



Cust Item ID:

Customer:

Reference:

Approvals:

Process Plan:

Date: Date:___

Tooling:

Accept

Start Stop

Reject

Qty

Run

Accept

Qty

Sequence ID/ Work Center ID

150

Packaging

Packaging

Operation Description

Identify as per dwg & Stock Location:

Memo

Set Up/

SPC (Y/N):

0.00

Run Hours

W 1010.22

Tool ID

Code

Tool # Plan

Reject Number Stamp

Insp.

160

Quality Control

QC21- Final Inspection - Work Order Release

0.00

Memo

0.00

10.10.29

MF 10-11-01

	торисс								
W/O:			WO	RK ORDER CHANGI	ES			47, 444,	
DATE	STEP	PRO	OCEDURE CHAI	NGE	Ву	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector
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				-					
Part No):	PAR #:	Fault Cate	gory:	NCR: Yes	No DQA	.:	Date: _	
	R	esolution:	Disposition	n:	QA: N/C Clo	sed:	· · · · · · · · · · · · · · · · · · ·	Date: _	
NCR:			WORK ORDE	R NON-CONFORMA	NCE (NCR)			
DATE	OTED	Description of NC			on B	Verifica	ation	Approval Chief Eng	Approval
DATE	STEP	Section A	Initial Chief Eng	Action Description Chief Eng	Sign & Date	Section C			QC Inspector
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Tuesday, October 19, 2010 3:27:26 PM

Work Order ID: 63066

Parent Item:

D4131-3

Parent Item Name:

Base



Start Date: 10/19/2010

Required Date: 10/26/2010

Start Qty: 4.00

Required Qty: 4.00

Comments:

IPP Rev:A 10.10.06 new issue DD verf:EC

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
M304S18GA		Purchased	No			100	sf	94.8879	0.1614	0.679579	١.		
											B(0-10)	-21	

304/316 .050 Sheet

Location	Loc Qty	Loc Code	
MAT20	94.8879		
111743	6.55		
112885	0.1679		119
113062	40.17		
115389	48	•	



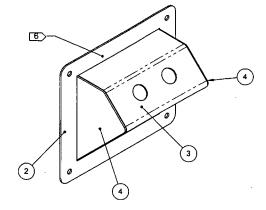
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W/O:			W	ORK ORDER CHANG	ES				•
DATE	STEP	PR	OCEDURE CH	ANGE	Ву	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector
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`	 					<u>,, , , , , , , , , , , , , , , , , , ,</u>			
Part No	:	PAR #:	Fault Cate	egory:	_ NCR: Yes	No D e	QA:	Date:	
	Re	esolution:	Disposition	on:	_ QA: N/C	Closed: _		Date: _	
NCR:			WORK ORE	DER NON-CONFORM	ANCE (NC	R)			
DATE	CTED	Description of NC		•	ion B	Veri	fication	Approval	Approval
DATE	STEP	Section A	Initial Chief Eng	Action Description Chief Eng	Sign Dat	& Se	ction C	Chief Eng	QC Inspector
		•							
•									

DART AEROSPACE LTD	Work Order:	63066
Description: BASE	Part Number:	D4131-3
Inspection Dwg: D4131-3 Rev: A		Page 1 of 1

FIRST ARTICLE INSPECTION CHECKLIST

		X	First Artic	le	Proto	type		
Drawing Dimension	n	Tolerance	Actual Dimension	Accept	Reject	Method of Inspection	Com	ments
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4.70		1- 20	BEND	& WA	*			
3.31	- 4		BEND	32114				
3,810			3.869	X		V		
4.18			4.181	*		V	ļ	
6.10			6,105	X		V		
1.27			1.214	×		V		
138		4 010	1.387	Þ		V		
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			*					
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						Prototype /	Annoval.	N/A
Measured I	by:	B	Audited by:	 		riowtype /	Date:	N/A
Da	ite:	16-01-01	Date:	/1010	27	<u> </u>	Date.	
Rev Da	ite	Change					Revised by	Approved
A		New Issue				<u> </u>	(J/JLM	1

ITEM	QTY -041	PART NUMBER	DESCRIPTION
1	Х	D4131-041	MANIFOLD ASSEMBLY
2	1	D4131-1	FRONT PLATE
3	1	D4131-3	BASE
4	2	D4131-5	SIDE PLATE



SHOP COPY RETURN TO ENGINEERING UNCONTROLLED COPY SUBJECT TO AMENDMENT WITHOUT NOTICE WITHOUT NOTICE
WORK ORDER
NO. 43066

D4131-041 MANIFOLD ASSEMBLY

NOTES:
1) MATERIAL: N/A
2) FINISH: N/A
3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
4) UNITS: INCHES UNLESS OTHERWISE NOTED
5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX 6) IDENTIFICATION: PER QSI 044 6.1 7) WEIGHT: 0.64 lbs

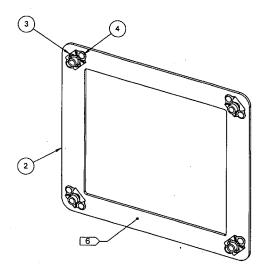
8

NEW ISSUE 10.09.16 REV. DESCRIPTION BY DATE DESIGN DART AEROSPACE USA, INC. RF DRAWN RF DRAWING NO. CHECKED REV. A D4131 MFG. APPR. SHEET 1 OF 8 APPROVED TITLE SCALE MANIFOLD ASSEMBLY DE APPR. COPYRIGHT © 2010 BY DART AEROSPACE USA, INC.
THIS DOCUMENT IS PROVIDE AND CONTROL AND IS SUPPLIED ON THE COMESS CONTROL IN THE TO TO BE USED FOR ANY HISPORT ON COMPUTATION TO ANY OTHER PURSON WITHOUT WATER FOR THE SHORT ANY FOR THE PURSON WITHOUT WATER FOR THE SHORT ANY FOR THE PURSON WITHOUT WATER FOR THE SHORT ANY FOR THE PURSON WITHOUT WATER OF THE SHORT ANY FOR THE DATE 10.09.16

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W/O:			V	ORK ORDER	CHANGES		· · · · · · · · · · · · · · · · · · ·			· · · · ·
DATE	STEP	PROC	EDURE CH		OTATOLO	Ву	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector
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		·								
Part No	Part No: PAR #: Fault Category:				NC	R: Yes N	lo DQA :	•	Date:	
	R	esolution:	Disposit	ion:	QA	: N/C Clo	sed:	***	Date:	
NCR:			ORK OR	DER NON-COI	NFORMANCE	(NCR)				
DATE	STEP	Description of NC		Corrective Acti		C: 0	Verifica	ation	Approval	Approval
		Section A	Initial Chief Eng	Action De		Sign & Date	Section	n C	Chief Eng	QC Inspector
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ITEM	QTY -043	PART NUMBER	DESCRIPTION
1	X	D4131-043	DOUBLER ASSEMBLY
2	1 .	D4131-7	DOUBLER
3	4	MS21069L3	NUT PLATE
4	8	MS20426AD3-3	RIVET



ulo 4304

D4131-043 DOUBLER ASSEMBLY



NOT	Ec.				
NO.	<u></u>	'			
	TERIAL: N/A				
	NISH: N/A				
3) TC	LERANCES: PER	DART OSI 01	8 UNLESS OF	THERWISE NOT	FI
4) UN	NITS: INCHES UNL	ESS OTHERV	VISE NOTED		
	REAK SHARP EDG				
	ENTIFICATION: PE				
		IN WSI 044 6.	1		
7) VVI	EIGHT: 0.07 lbs				

DESIGN	RF	DART AEROSPACE USA, INC. PORT HADLOCK, WA				
DRAWN	RF					
CHECKED	140	DRAWING NO.	REV. A			
MFG. APPR.	<i>D</i>	D4131	SHEET 2 OF 8			
APPROVED	149	TITLE	SCALE			
DE APPR.	4	MANIFOLD ASSEMBLY	NTS			
DATE 10.0	09.16	COPYRIGHT © 2010 BY DART AEROSPAC THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE DI NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO AN	PRESS CONDITION THAT IT IS			

W/O:		WORK ORDER CHANGES										
DATE	STEP	PRO	CEDURE CH	IANGE	Ву	,	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector		
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Part No	:	PAR #:	Fault Ca	tegory:	NCR: Y	es N	o DQ	A:	Date: _			
	R	esolution:	_ Disposit	ion:	_ QA: N/	Clos	ed:		Date: _			
NCR:	,	V	ORK OR	DER NON-CONFORMA	ANCE (N	CR)						
DATE	STEP	Description of NC	1	,	ion B	0		cation	Approval	Approval		
		Section A	Initial Chief Eng	Action Description Chief Eng		gn & late	Sect	ion C	Chief Eng	QC Inspector		
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-D4131-1 0.67 2 PL 0 0 D4131-5--D4131-5 0 0 0.80 2 PL · 2.34 —

u 6 43066

D4131-041 MANIFOLD ASSEMBLY

D

NOTES:
1) MATERIAL: N/A
2) FINISH: N/A
2) FINISH: N/A
3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
4) UNITS: INCHES UNLESS OTHERWISE NOTED
5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
6) IDENTIFICATION: PER QSI 044 6.1
7) WEIGHT: 0.64 lbs
8) WELD PER DART QSI 004

7

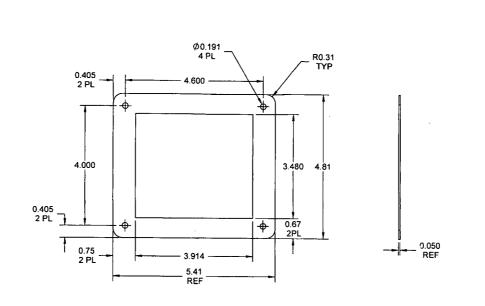
DESIGN	RF	DART AEROSPACE USA, INC.					
DRAWN	RF	PORT HADLOCK, WA	.,				
CHECKED	140	DRAWING NO.	REV. A				
MFG. APPR.	\mathcal{P}	D4131	SHEET 3 OF 8				
APPROVED	140	TITLE	SCALE				
DE APPR.	_#-	MANIFOLD ASSEMBLY	NTS				
DATE 10.0	9.16	COPYRIGHT © 2010 BY DART AEROSPACE USA, INC. THIS COCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLED ON THE EXPRESS COMMON THAT IT IS NOT TO BE USED FOR ANY PURPOSE OF COMMISSIONATION TO ANY OTHER PRIVATE WITHOUT					

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W/O:			WC	RK ORDER CHANG	iES				<u>-</u>
DATE	STEP	PRO	PROCEDURE CHANGE By				Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector
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Part No		PAR #:	Fault Cate	jory:	_ NCR: Yes	s No DQ	A:	Date:	
	R	esolution:	Disposition	1:	_ QA: N/C	Closed:		Date: _	·
NCR:			WORK ORDE	R NON-CONFORM	ANCE (NC	R)			
DATE	STEP	Description of NC			ion B	Verifi	cation	Approval	Approval
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D4131-1 FRONT PLATE

NOTES:
1) MATERIAL: AISI 304/316 STAINLESS STEEL ANNEALED 2B FINISH 0.050 (18 GAUGE) SHEET
PER MIL-S-5059
OR AMS 5513 (304)
OR AMS 5524 (316)
OR ASTM A240
OR ASME SA240
PER DART SPEC, M304S18GA
ON FIRMOUR AND

2) FINISH: N/A
3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
4) UNITS: INCHES UNLESS OTHERWISE NOTED
5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
6) IDENTIFICATION: NONE
7) WEIGHT: 0.18 lbs

DESIGN	RF	DART AEROSPACE USA, INC.					
DRAWN	RF	PORT HADLOCK, WA					
CHECKED	140	DRAWING NO.	REV. A				
MFG. APPR.		7D4131	SHEET 4 OF				
APPROVED	10	TITLE	SCALE				
DE APPR.		MANIFOLD ASSEMBLY					
DATE 10.0	9.16	COPYRIGHT © 2010 BY DART AEROSPACE USA, INC. THIS DOCUMENTS PRIVATE AND CONFIDENTIAL AND IS SUPPLED ON THE CORRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PAPPOSE OR COOPERACETED TO ANY OTHER PRISON WITHOUT					

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W/O:			W	ORK ORDER CHANGE	ES				, ,
DATE	STEP	PRO	OCEDURE CH	ANGE	Ву	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector
		•							
Part No	:	PAR #:	Fault Cat	egory:	NCR: Yes	No D C)A:	Date: _	
	R	esolution:	Dispositi	on:	QA: N/C	Closed: _		Date: _	
NCR:			WORK ORI	DER NON-CONFORMA	NCE (NC	R)			i
		Description of NC		Corrective Action Section	n B	Verif	ication	Approval	Approval
DATE	STEP	Section A	Initial Chief Eng	Action Description Chief Eng	Sign Dat	& Sec	tion C	Chief Eng	QC Inspector
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NCR:		W	ORK ORD	PER NON-CONFORMANC	E (NCR)			
		Description of NC		Corrective Action Section B	Verification	Approval	Annexal	
DATE	STEP	Section A	Initial Chief Eng	Action Description Chief Eng		Approval Chief Eng	Approval QC Inspector	
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0.050 REF R0.13 2 PL 3.48 REF 3.37 REF

2

D4131-3 BASE MAKE FROM D4131-3F FLAT PATTERN

D

NOTES: 1) MATERIAL: MAKE FROM D4131-3F FLAT PATTERN

D

1) MATERIAL: MAKE FROM D4131-3F FLAT PATTERN
2) FINISH: N/A
3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
4) UNITS: INCHES UNLESS OTHERWISE NOTED
5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
6) IDENTIFICATION: NONE
7) WEIGHT: 0.33 lbs

7

DESIGN RF DART AEROSPACE USA, INC. DRAWN RF PORT HADLOCK, WA DRAWING NO. CHECKED REV. A D4131 MFG. APPR. SHEET 5 OF 8 APPROVED TITLE SCALE MANIFOLD ASSEMBLY

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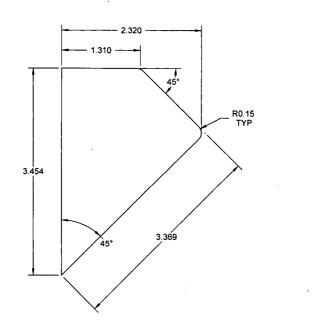
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DATE	STEP	PROC	EDURE CH	ANGE	Ву	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector								
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DATE	STEP	Description of NC		Corrective Action Section		Verific	ation	Approval	Approval								
DAIL	SIEF	Section A	Initial Chief Eng	Action Description Chief Eng	Sign Date	🗴 Secti		Chief Eng	QC Inspector								
																	

8 BEND LINES D 1.380 С 3.810 Ċ 1.22 Ø0.565 2 PL **D4131-3F FLAT PATTERN** en NOTES:
1) MATERIAL: AISI 304/316 STAINLESS STEEL ANNEALED 2B FINISH 0.050 (18 GAUGE) SHEET
PER MIL-S-5059
OR AMS 5513 (304)
OR AMS 5524 (316)
OR ASTM A240
OR ASTM A240
PER DART SPEC. M304S18GA DESIGN DART AEROSPACE USA, INC. DRAWN 2) FINISH: N/A
3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
4) UNITS: INCHES UNLESS OTHERWISE NOTED
5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
6) IDENTIFICATION: NONE
7) WEIGHT: 0.33 lbs RF PORT HADLOCK, WA CHECKED DRAWING NO. REV. A D4131 MFG. APPR. SHEET 6 OF 8 APPROVED TITLE SCALE MANIFOLD ASSEMBLY

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Resolution:								
	\	WO	RK ORDER CHANGES	,			· · · · · · · · · · · · · · · · · · ·	
STEP	PRO	OCEDURE CHAI	NGE	Ву	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector
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:	PAR #:	Fault Categ	gory: N	CR: Yes	No DQ	A :	_ Date: _	
R	esolution:	Disposition	ı: Q	A: N/C Cld	sed:	 	Date: _	
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STED	Description of NC				Verific	ation	Approval	Approval
SIEP	Section A	Initial Chief Eng	Action Description Chief Eng	Sign & Date			Chief Eng	QC Inspector
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D4131-5 SIDE PLATE

- 0.050

NOTES:
1) MATERIAL: AISI 304/316 STAINLESS STEEL ANNEALED 2B FINISH 0.050 (18 GAUGE) SHEET
PER MIL-S-5059
OR AMS 5513 (304)
OR AMS 5513 (304)
OR ASS 5513 (304)
OR ASTM A240
OR ASTM A240
PER DART SPEC. M304S18GA
2) FINISH: N/A

PER DART SPEC. M304S18GA
2) FINISH: N/A
3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
4) UNITS: INCHES UNLESS OTHERWISE NOTED
5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
6) IDENTIFICATION: NONE
7) WEIGHT: 0.07 lbs

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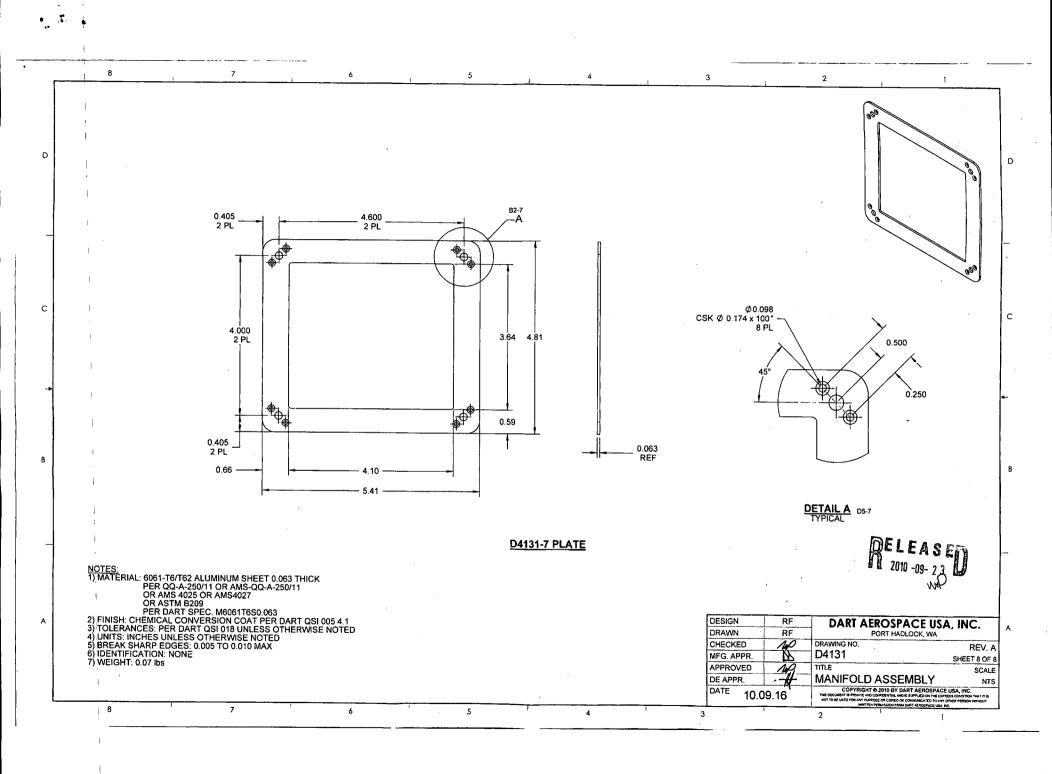
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DART AEROSPACE USA, INC.
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THIS DOCUMENT IN PRIVATE AND CONFEDENTIAL AND IS SUPPLIED ON THE EXPRESS CONCEING
HOT TO BE USED FOR ANY PRIVADES OF COMMAND THE DITO FOR OTHER PRISON.
WITHTEN PRIVADES ON FROM DIGHT AND OTHER USE, INC. DATE 10.09.16

5

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W/O:	··		10.	ODK ODDED OHANOL	-0			
W/O:			VV	ORK ORDER CHANGE	-5			
DATE	STEP	PRO	CEDURE CH	ANGE	Ву	Date Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector
								į
Part No		PAR #:	Fault Cat	egory:	NCR: Yes N	lo DQA:	Date: _	
	R	esolution:	Dispositi	on:	QA: N/C Clos	sed:	Date: _	
NCR:		V	VORK ORE	DER NON-CONFORMA	NCE (NCR)			
DATE	STEP	Description of NC		Corrective Action Section		Verification	Approval	Approval
DATE	SIEF	Section A	Initial Chief Eng	Action Description Chief Eng	Sign & Date	Section C	Chief Eng	QC Inspector
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Dart	Aeros	pace	Ltd
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									4
W/O:			WC	ORK ORDER CHANG	ES				
DATE	STEP	PRO	OCEDURE CHA	NGE	Ву	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector
		,							
						i			
Part No	:	PAR #:	Fault Cate	gory:	NCR: Ye	es No C	QA:	Date: _	
	R	lesolution:	Dispositio	n:	_ QA: N/C	Closed:		Date: _	
NCR:			WORK ORD	ER NON-CONFORM	ANCE (N	CR)			
		Description of NC		Corrective Action Sect	ion B	Ver	ification	Approval	Approval
DATE	STEP	Section A	Initial Chief Eng	Action Description Chief Eng	Sig Da	1 & Section C		Chief Eng	QC Inspector
·			·						

				_	i	
	,	Recei	ving Rep	ort	į	
-	ate: 1/10/13		Batch Dart		1285	
Packing Slip: Invoice: Receipt:	Yes No No Cr Cr	R W S Q	elease Note A /aybill Attache hipment Com C6 Inspection /ork Order	Attached: Ye	es No	DV
Discrepancies		Quantity	Quantity	Quantity	Quantity	
Part Number	Description	Ordered	Received	Returned	Short '	Comments
					į.	
					L	
		Initials	of receiver ((if shipment	OK) Level	12
Production/Ad Date Received/Cost Initial	09/10/14				Locati	on

H:\FORMS\Purchasing\approved purch\RECREPORT Rev D



SOLD TO:

Magna Stainless 5775 Kieran St, Saint-Laurent QC H4S 0A3 Phone: (514) 339-1211 Watts: 1-800-363-6646 Fax: (514) 339-1105

Pg 1 of 1 1017858

, ON

DART AEROSPACE LTD

HAWKESBURY K6A 1K7

1270 ABERDEEN STREET

OCT 2 0 2009

SHIP TO:

DART AEROSPACE LTD

1270 ABERDEEN STREET

HAWKESBURY K6A 1K7

MTR:Y 10/13/09 INVOICE DATE: 10/08/09 ORDER DATE: 10/13/09 SHIP DATE ORDER NUMBER: W019653 PURCHASE ORDER: P010550

_	Currency	- 1		Sale	es Person	Ship Via		F.O.B.		Te	rms
CZ	NADIAN DOLL	ARS I	ERYCK			NIR:R-557065-1	PREPAI	D		NET 30 DA	YS
Ln-	Back-Ordered	- Order	ed -	Unit		Description		Shipped		Price-Per -	Value
			3	PC	STAINLESS SH SSH 304 2B 26G L029393	GA x 48" x 96"		3	UN	60.00	180.00
			3	PC	SSH 304 2B 20g			3	UN	115.00	345.00
			4	PC	SSH 304 2B 18g	ga x 48" x 96" 3 PC/202 LB		4	UN	135.00	540.00
			4	PC	L028388 SSH 304 2B 169 L031195			4	UN	170.00	680.00
	,								L		
						-					
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									<u>.</u>		
				•							

10/14/09 11:47:23

1,745.00 Merchandise: Surcharges: No Tax Costs: 87.25 GST 1,832.25 Total Due:

Title to the goods sent out on this invoice remains with Magna Stainless Div of CSM ULC until such time as this invoice has been paid in full. Unless otherwise noted terms are 30 days. Interest accrues on all overdue accounts at the rate of 1.5% per month compounded monthly.

Q.S.T. # 1213236471 G.S.T. # 881565899 RT0001

Purchase Order Receipt Listing

October 14, 2009 11:28:00 AM

All amounts are calculated in domestic currency.

All Vendors PO ID po10550 All Receipt Dates All Line Item Types All Item ID/GL/WOs All Rec. Employees All Currencies Grouped by Vendor ID

Purchase Order ID/ Curr Type	Nbr/ Insp	Project ID	Reference/ Description/ Cert Std	PO U/M / Stock U/M	Required Date Required Qty	Recv Date/ Recv Emp	Recv Qty (PO U/M)	Cost Per Unit/ Recv Value	Inspected Qty/ Rejected Qty (PO U/M)	MRB Qty/ MRB Reject Qty	Book Amt
	Req										ı
VendorID\Vcr	ndor Nam	e VC-	MAG002 Magna	Stainless							Ĺ
PO10550	1		M304S16GA	sſ	10/13/09	10/13/09	128.0000	\$5.31	0.0000	0	\$680.00
CAD	No		304/316 Sheet .063	sf	128.0000	Stores		\$680.00	0.0000	0	i
			112885								
	2		M304S18GA	sf	10/13/09	10/13/09	128.0000	\$4.22	0.0000	0	\$539.99
	No		304/316 .050 Sheet	sf	128.0000	Stores		\$539.99	0.0000	0	1
	110		112885								i
	•		M304S20GA	sf	10/13/09	10/13/09	96.0000	\$3.59	0.0000	0	\$345.00
	3				96.0000		70.000	\$345.00	0.0000	0	
	No		304/316 .040 Sheet	sf	90.0000	3101¢3		Ψ545.00	0.0000		
			112885							_	0.00.00
	4		M304S26GA	sf	10/13/09	10/13/09	96.0000	\$1.88	0.0000		\$180.00
	No		304/316 0.018	sf	96.0000	Stores		\$180.00	0.0000	0	1
			SHEET								
			112885							_	1 442 0000
									Track Described 4	N	448 0000

Total Received Quantity: 448.0000
Total Qty to Inspect (PO U/M): 0.0000
Total Reject Quantity: 0.0000
Total Receipt Value: \$1,744.99
Total Balance Due Quantity: 0.0000

<u>---</u>



Magna Stainless

5775 Kieran St, Saint-Laurent, Quebec H4S 0A3 Phone: (514) 339-1211 Watts: 1-800-363-6646 Fax: (514) 339-1105

PACKING LIST

I017858 Page: 1 of 1

SOLD TO DART AEROSPACE LTD 1270 ABERDEEN STREET

SHIP TO: DART AEROSPACE LTD 1270 ABERDEEN STREET

SPECIAL INSTRUCTIONS

HAWKESBURY

, ON

HAWKESBURY

, ON

K6A 1K7

Contact: CHANTAL

K6A 1K7

Ship Terms: PREPAID

Currency	Sales Person	Customer Phone	Customer Fax	Customer PO
CANADIAN DOLLARS	ERYCK BLAIS	(613) 632-5200	(613) 632-1053	P010550

Sales Order	Terms	Ship Via	Date Ordered	Date Required	Date Shipped
	NET 30 DAYS	NIR:R-557065-1	10/08/09	10/13/09	10/13/09

Ordered	Back Ordered	Unit						De	escr	ription		Bundle #	Heat #	Shippe	ed
3		PC				SHEI 26GA		48"	x	96"	73 LB / 3 PC	L029393	N69146		3
3		PC	SSH	304	2B	20ga	x	48"	x	96"	150 LB / 3 PC			ı	3
4		PC	ŞSH	304	2B	18ga	x	48"	x	96"	202 LB / 3 PC	7L030411	0418904	; 	4 3 1
4		PC	SSH	304	2B	<u>16</u> ga	x	48"	x	96"	√336 LB / 4 PC	Ĺ			4
														1	
C				c							C		·	c '	
									/	cerp	4/13			1	
Skids: 1									(/		Total	Weight:	828	LB

Received hv.

Date:

Signature:_



Dart Aerospace Ltd. 1270 Aberdeen Street Hawkesbury, ON K6A 1K7

Tel: 613 632 9577 Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID PO10550

Purchase Order Date 08/10/2009 PO Print Date 08/10/2009

Page Number 1 of 2

Order From:

VC-MAG002

MAGNA STAINLESS 5775 RUE KIERAN ST LAURENT, QC H4S 0A3 CA

Contact Name

Vendor Phone

800 363 6646

Vendor Fax

514 339 1105

Vendor Account Nbr

Buyer

Chantal Lavoie

Requisition Nbr

Tax Resale Nbr

10127-2607

Terms Currency Net 30 CAD

FOB

Ship To:

DART AEROSPACE LTD

1270 ABERDEEN

HAWKESBURY, ON K6A 1K7

CANADA

Line Nbr	Reference Revision ID Vendor Part Number	Description/ Mfg ID	Req Date/ Taxable Unit		Ship Method	Unit Price	Extended Price
M3	904S16GA	304/316 Sheet .063 4 7 3 2	13/10/2009 Yes	∠ 128.00 sf	Purolator ground	\$5.3125	\$680.00
		Special Inst:	Purch. Mat: AISI 304 ANNEALED 25fini Spec: MIL-S-5059 or AMS 5524(316) or A SA240	sh AMS 5513(30	04) or		
2 M3	304S18GA -	304/316 .050 Sheet	13/10/2009 Yes	128.00 sf	Purolator ground	\$4.2187	\$539.99
3 M	304S20GA	Special Inst: 304/316 .040 Sheet 3 × 3 >	SAME AS ABOVE 13/10/2009 Yes	√ 96.00 sf	Purolator ground	\$3.5937	\$345.00
4 M.	304S26GA	Special Inst: 304/316 0.018 SHEET	SAME AS ABOVE 13/10/2009 Yes	√ 96.00 sf		\$1.8750	\$180.00

cg/rd 13

No substitution or deviation without consent.

Certificate of Conformity or Material Certification required when applicable

Change Nbr:

1

Change Date: 08/10/2009

POSCO Mill Test Certificate/검사증명서

Certificate No./증명서번호:080910-PRSE-010-001 Date of Issue/발행일자:Sep., 16, 2008 Surface Finish/표면마우리:NO.2B

Order Mo / 刈空世 章:0008353485

PO No./李是出走。3353485

Supplier/李是对:DAE WOO INTERNATIONAL CORP.

Commodity/ # 8 STAINLESS COLD ROLLED DOIL

Cus	stomer/	OH LLA	I AYSKI	K C44	arii 💤		· .
ندنن	3	1. 1. 1. 1.	" Inch	F6114		33 IN	v.

Additional Assista	MAGNASIA	NLES	S INC.		٠	پرائیور کی دی در آزادها و آزاد کو ایند	Spec 8	% Typ	e/ਜ਼ੜ¦Astin-a24	0-304		The recommendate of the contraction of the
	Product (to∠).					Tensile (2)	以图	Hard		9 2 2 2 2 2 2 1 1 		
Size/t/fi ⁴	74号电盘	'I Anno		meat No. 제강반호	T	VS 024 TS	(%)	ness (a.⊊.	Proposed:			heimical Composition/雪神县是(%)
0.90/12/19/60	CALIFORNIA CONTRACTOR OF THE CALIFORNIA CONTR	> \/			X.		* : :			li,	2	G SI MA P S CR NI GH MO NI
	A&&SOHOD	1	1.0			266 643 277 649		82.0	7007 ANOC		t † ` 4	689 352 1065 263 56 1816 894 442 62
0.90x/19x0	Сфноўэйв		4,677	SE37928	×	266 643	60.	82.0			1.	639 2550 1055 694 55 21816 204 2134 23 186
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gantan di kacamatan di Agri			3,649	SC17938	B B	261 65 288 663	60 59	82.3 84.7	0000000			550 392 1031 335 55 1817 804 356 15 392
\$\$\$\$\$\$\$\$\$\$\$	Off-100316	外人的	1.	0.000	Ĺĸ	38A	35.46	4250	00000000000000000000000000000000000000		ť∳ ^t .	550 352 1031 335 59 1841 AND SOC 15
The standard and the standard standard	breatlangage	إ در ال	6,536	564,7838	∤ ₩.	2B) (86)	െൺർ	82.6	10000000000000000000000000000000000000	240:00	-	SPAR CONTROL OF THE CONTROL OF THE
Sub Total (T A	PL 45 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	4:	d	2	TO THE PROPERTY OF THE			90000000			MAMURACO POSCO POSCO DE LA COMPONICIONA DEL CO
1.50x1219xc	OEHOO3OA		5-979	SC17707	B	287 846 285 649	56	88.0	100000000 1000000000000000000000000000			
	1400000	₽≪	·		18	787 BL	R Fa	666	Low however	San		592; 997 1052 307 48 1802 8b3 368 14 439
The second secon	1	1 3 6	*	301/197	7	287 64	3:		00000000000000000000000000000000000000	are to the second	L	532 7397 1452 307 49 X8B2 863 366 14 436
Bostlon Top, M		₽÷:	3		1×	15,979,0			coposco		: N	
Tensile Test. Direction	n : Transversel, G	augeri,	ւրցնի.։ 50 ր	m(Rectanou	lar)		. <u> </u>		We hereby ce	ftify that the materia	al Creire	ell has been made in accordance with the order and short in a

Test Certificate is issued according to EN10204 3.18.

This fills Test Certificate calmor be copleditor any purpose.

Surveyor To:

ροsco Mill Test Certificate/검사증명서

Certificate No./증명서번호:081027-PRSE-018-001 Date of Issue/발행일자:Oct., 30, 2008 Surface Finish/표면마무리:NO.2B

Order No./계약번호:0003445692

PO No./주문번호:3445692

Supplier/주문자:DAE WOO INTERNATIONAL CORP.

Commodity/품명:STAINLESS COLD ROLLED COIL

Customer/고객사:MAGNA STAINLESS INC.

Spec & Type/72:ASTM-A240-304

Size/치수	Product No.	Qua- ntity	Weight 중앙	Heat No.	P 0 \$	Tensik YS 0.29	/인장시		Hard-		0 - 7	Chemi	cal Con	position	/화학성	분(%)					
2.74 VI I.	제품번호	수랑	(kg)	제강번호	1 -0		Pa)	(%)	/경도		S.	С	Si	Mn	P	s	Cr	Ni	Cu	Mo	N
).90x1524xC	ļ				N				HRB		0	-4	-3	વ	-4	-4 .	-2	-2	-3	-2	-4
.8UX1324XC	QBK0069A	1	4,995	SC19177	[T	262	648	59	82.6		+-	562	420	4050							
.90x1524xC	Onwases.				8	259	654	81	81.3		`	302	420	1050	280	. 33	1815	804	320	11	403
	QBK0089B	1	4,995	SC19177	T	262	648	59	82.6		1	562	420	1050	280	22	4045	A a .			
Sub Total (010)				В	259	654	61	81.3				720	1030	200	33	1815	804	320	11	403
90x1219xC	QGJ0258BA		2 5,960	5040740	[_]		190 (kg)														
	1	1	3,300	SC18740	1 1	273	640	58	85.3		L	505	360	1050	280	31	1835	817	370	13	442
90x1219xC	QGJ0258BB		5,960	SC18740	В	281 273	648	54	86.6									٠	0.0		442
•			0,000	3010140	В		640	58	85.3		L	505	360	1050	280	31	1835	817	370	13	442
90x1219xC	QGH0799C	4	4,896	SE37926	٦	281 266	648 643	54	86.6	\sim											772
			.,	ļ	В	277	649	60 60	82.0 83.5		[L	639	352	1065	293	55	1816	804	442	23	381
*** Sub Total (φ20) ***	-	3				16 (kg)		O.3.3	09/10/14											
50x1524xC	QBK0171A	1	6,341	SC19146	+	273	637	57	83.1												
]				В	273	637	57	83.0		-	587	410	1130	310	31	1819	803	350	10	348
50x1524xC	Q8K0171C	1	6,810	SC19146	T	273	637	57	83.1		١.,	587									
*** ** **	1				В	273	637	57	83.0	1		367	410	1130	310	31	1819	803	350	10	348
•	\$30) ***		2			13,1	51 (kg)														
50x1219xC	QEJ1008A	1	5,952	SC19200	Į₹	281	636	56	83.8			558	410	1040	220	20					
	1	i - 1			В	285	644	55	85.2		٦	050	טור	1040	320	38	1811	806	330	11	372

Position - T : Top, M : Middle, B : Bottom

We hereby certify that the material herein has been made in accordance with the order and specification.

ORIGINAL

Test Certificate is issued according to EN10204 3.1B. * This Mill Test Certificate cannot be copied for any purpose.

Surveyor To:

POSCO Pohang Works, 5 Dongchon-dong, Nam-gu, Pohang-si, Gyeongsarigbuk-do, 790-785, Korea





^{*} Tensile Test. Direction : Transversal, Gauge Length : 50mm(Rectangular), YP Method: 0.2% off-set

^{*} Division - L:Ladle Analysis

^{*} Chemical Composition Unit: -2:x1/100, -3:x1/1000, -4:x1/10000, -5:x1/10000

^{*} Tr: It is within the standard range(<0.008%) and include trace element.

Mill Certificate

Customer

ASA ALLOY

Order No

807090251

Steel Grade

TYPE304

State of Delivery:

SOLUTION TREATED

Inspection No : 20080821100422

Changwon Works

Telefax:055-268-4133

Specification: ASTM-A240/480

P.O BOX 95, changwon,korea

Edition

2006b

Date of Issue: AUG.04.2008

Г	T				·										Che	emical	Compo	sition	(%)	 		
No	,	Case No.	Work No.	D	imension		Surf -ace	Quan	Weight (KG)	Heat No.	С	Si	Mn	Р	s	Ni	Cr	Mo	N			
				Thickness	Width	Length		tity		Max		0.75	2.00	0.045	0.030	10.50			0.1000			
				(mm)	(mm)	()	L		<u> </u>	Min						8.00	18.00	.	<u> </u>	 	1	
1	10	C-0112	C08339111-B00	0.500 X 121	9	COIL	28		7,446	N69146	.07	.51	.78	.034	.013	8.02	18.10	1	.0220			
2	70	C-1901	C0833A202-B00	0.500 X 121	19	COIL	28	Ī	7,997	N70816	.07	.46	.78	.027	.013	8.07	18.17		.0230			
3	Т																					
4	T																					
5																			1			
6																			l			
7	Т]			
8	, 1	***************************************																				

						Mechar	nical Pro	perties		
		st		trength	Tensile	Elonga	Hard	Direction	Bend Test	
No	N	ο.	0.2%	1.0%	Strength	-tion	-ness	0,,00,,00,	20110 1001	
INO				(MPa)	%	(HRB)			
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į		Min	205		515	40				
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18	1		1	1	T .			1		Ţ. <u> </u>

본 검사 중명서에 명시된 규격 용도와 사용시 안전상의 문제가 발생할 수 있으며, 검사 중명서 위.변조시 사문서 위조(명법231조)로 붙어익을 당하실 수 있습니다.

We hereby certify, that the Material described above has been tested and complies with the terms of the order contract.

CERT 190 9001:2000

Changwon Works:

66. Shinchon-Dong, Changwon, Kyungnam, Korea. 641-370 Ulsan Works:

250. Yeocheon-Dong, Namgu, Ulsan, Korea. 680-090

C. S. KIM DO

contains 1 page (Page:

SO#: PE6923

MTR#: TXCL1728 Customer#: MAGDOR PO#: P006322 Item#: 18GA48863042B Bundle#: H285150900 Healff: 0418904

A company of ThyssenKrupp Stairless

ThyssenKrupp Mexinox

TEST REPORT (CERTIFICADO)

CUSTOMER (CLIENTE)

MEXINOX USA

MILL ORDER No. 4546 - No. DE PEDIDO	9	PACKAGE (EMPAQUE) No. H2951509 00					
CUSTOMER PURCHASE ORDER No. L26123	DATE (FECHA) JUN-11-09						
CODE PART NUMBER		REPORT (CERTIFICADO) No. EJ3902					

PRODUCT IDENTIFICATION

_					IDENTIFICACION	DEL PRODUCTO		
1	ITEM No.	COIL No.	PIECES	HEAT	TYPE AND FINISH	. DIMENSIONS In	GROSS WT. 10	NET WT. 15
<u>}</u> -	- NO.		PIEZAS	COLADA No.	TIPO Y ACABADO	DIMENSIONES mm	PESO BRUTO kg	PESONETO Ke
1	3]	693399 AGAA	46	0418904	304 / 28	48.00 X 95.00 X ,0480	0.00	200
-				•	UN\$ \$30400		3,034	2,862
l					1	1219-20 X 2488-40 X 1,220	1,376	1,298

								CH	EMICA					· · · · · · · · · · · · · · · · · · ·		<u></u>	
					·	y			COMP	DESICION O	UMICA (%)	 OTHER	ELEMENTS	OTROS	LEMENTOS)		
	ITEM	C	Č	Ma	N	NE	P	S	SI								
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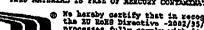
MECHANICAL PROPERTIES

					PK	PREDADES MECANIC	AS .
No.	TEST No. No. Muestra	O	TENSILES. R. TENSION	YIELD S. R. FLUENCIA	ELONGATION % ALARGAMIENTO	HARDNESS DUREZA HRB	
1	A755778 A755778	L	92679 psi 639 M2a	44961 psi 310 MPa	61.2	(HEAD) 83.07 83.0	Porlivly

TRIS MATERIAL IS DEARS 225.872-1 CLAUSE COMPLIANT. HEAT SOURCE: ETALY

THIS MATERIAL COMPLESS MITE CREMICAL COMPOSITION ACCORDING TO ASTM A 240/A 240M-08 STD. NOW, AND IT COMPLESS ALSO MITE THE MICHANICAL AND CENTICAL PROPERTIES REPARTMENT IN THE POLICONING STDS. 1
ABOX 85240-95, QQ-8-766-D, MIL-S-5059-D, AME 55130.

"THIS MATERIAL IS PRIE OF MERCURY COMPANIES."



We hereby certify that in recognition of the terms and conditions set forth in the AU ROES Directive -2002/35/EC, we can insure that all of our products and processes fully comply with it .

ELABORATED BY Jose Luis Vazquez Maja

PRINTED: 13:49:16 JUL-10-09

HECHO EN MEXICO / MADE IN MEXICO

FORMATO No. 38 - 027 - 92 Rev 2

MIESKINSH OLISH

Mill Test Report

file://C:\TEMP\carolyn_hill\MTR.htm

8/12/2009

Shanxi Taigs of Taiyuan I NO.2 jiancao TEL: (0351)3 http://www.ti E_mail: tgbxs	ron and Siping, Taiyus 1013328 Fa 1000, Com. Com. Com. Com. Com. Com. Com. Com.	teel (G in,Shaw	el CO.,L Group) C	o.,LTD	·						ĨU	2	2464 122
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NO. H≈	at No.	Co	il No.	Batch	No.	Quantity	1	Dimensions	(inch)		Wei	ht(Pc	uad)
50 A28002		CA80261	160110H1	78255692		1	16G	A × 48"	× 96				4226
51 A28002	133	KA80261	160J20H3	78255694		4		A × 48"	× 96				4248
52. A28002	1-		160510H2	78255696 78255700		[]		A × 48" A × 48"	× 96 × 96				4248 4303
53 A28002 54 A28002			160/20H2 130P10H4	78255864		1 1	•	A × 48"	× 96				3973
55 A27038			530F10H1	78252411		آ ا		A × 48"	× 120				4707
56 A27038			530F10H2	78252414		. 1	14G	A × 48"	× 120				4442
Cheroical Comp Heat No	. (Si M		8 0.002	Cr 18,337	№ 8.012	Cu 0.119	Al	N 0,0		/so 0.093	Ti
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A2703845				234 0.027	0.002	18.164	8.050	0.218		0.0	4	0.114	
Mechanical Pr	operties (T	est tem	perature :	20°C)				٠	L.				
Test No	Tensi	ic R m R	00.2 Yicldo.25	Rp1.0 Yield1.0%	F	longation		Corresion		H	rdness		
		mm²	N/mm ²	N/mm²	A5 (%) A50(9	6)	Tests	HRB		HV		HRC
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8255696-T		640	293	ļ	<u> </u>		54			7.5		\perp	
/8255700-T		640	293				54			1.5	ļ	_	
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825241]-T		640	299	 	ļ	 	55			.5	<u> </u>	+-	
				L		<u> </u>	33	_;	86		 		
78252414-T SPECTROMETE EN 10204-3. 1 Place: Taiye	18	640 TEST:	299 OK			Work	Iuspe	ctor: 🏂	86	1	河	上	15